## REMARKS

In response to the above-identified Office Action, Applicants have amended the drawings as shown in the accompanying "Proposed Amendment to the Drawings" and as explained further herein below, have amended claims 1-3, 5, 9, 13-15, 17, 21, 25-27, 29 and 33, and have added claims 37-42. Support for the amendments to the claims and the added claims can be found at page 16, line 16 through page 18, line 11 of the above-identified patent application. Accordingly, no new matter has been entered by way of these amendments. In view of these above amendments and the following remarks, Applicants hereby request further examination and reconsideration of the application, and allowance of claims 1-42.

The Office has objected to FIG. 13a of the drawings under 37 C.F.R. § 1.84(p)(5) asserting that reference characters 792a and 792b refer to objects which designate steps that perform the same function but occur at different conditions in the drawing. In response, Applicants propose amending FIG. 13a to eliminate the duplicative occurrences of objects 792a and 792b in FIG. 13a as shown herein. As such, no new matter has been added. In view of the foregoing amendments, the Office is respectfully requested to reconsider and withdraw this objection to the drawings.

The Office has rejected claim 5 under 35 U.S.C. §112, second paragraph, as being indefinite. The Office asserts the term "indiscriminate" as used in the claim is not consistent with the usual meaning of the term. In response, Applicants have amended claims 1-3, 5, 13-15, 17, 25-27 and 29 to replace the term with the language "raw" as shown above. No new matter has been added. In view of the foregoing amendments and remarks, Applicants respectfully request the Office to reconsider and withdraw this rejection.

The Office has rejected claims 1-5, 8, 13-17, 20, 21, 25-29 and 32 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,832,494 to Egger et al. ("Egger") in view of U.S. Patent No. 5,418,951 to Damashek ("Damashek"); claims 6, 18, and 30 under § 103(a) as being unpatentable over Egger in view of Damashek and U.S. Patent No. 5,926,812 to Hilsenrath et al. ("Hilsenrath"); claims 7, 19 and 31 under § 103(a) as being unpatentable over Egger in view of Damashek and U.S. Patent No. 6,356,898 to Cohen et al. ("Cohen"); claims 9-10, 12, 21-22, 24 and 33-34, 36 under § 103(a) as being unpatentable over Egger in view of Damashek and U.S. Patent No. 5,826,261 to Spencer

("Spencer"); and claims 11, 23 and 35 under § 103(a) as being unpatentable over Egger in view of Damashek, Spencer and U.S. Patent No. 5,859,972 to Subramaniam et al. ("Subramaniam").

The Office asserts that Egger discloses a system and process for retrieving data comprising: retrieving at least one electronic record from at least one storage location (col. 5, lines 12-19); causing the user-selectable objects to be displayed (col. 33, lines 55-67); and converting raw data sets into user-selectable objects (col. 5, lines 14-19). Further, the Office concedes that Egger does not disclose parsing the electronic records. The Office asserts, however, that Damashek discloses parsing the electronic records (col. 5, lines 24-60), and that it would have been obvious to one with ordinary skill in the art to parse electronic records to determine raw data sets for reducing memory requirements and to increase performance. In response, Applicants have amended claims 1, 13 and 25 as shown herein and submit the following remarks.

Neither Egger, Damashek, Hilsenrath, Cohen, Spencer nor Subramaniam, alone or in combination, suggest or disclose "selecting one of a plurality of electronic records search requests to execute next based upon one or more selection criteria," as recited in claims 1 and 25, or a "processor ... selecting one of a plurality of electronic records search requests to execute next based upon one or more selection criteria," as recited in claim 13. The Office's attention is respectfully directed to FIGS. 1 and 4A, and col. 11, lines 48-61 in Egger, which disclose a CSPDM subroutine 66 executing searches of database 54 and sending the search results to a GUI program 70 for presentation by the display 38. But, Egger does not disclose or suggest selecting any of the searches of database 54 to execute next, let alone selecting the searches based upon any selection criteria as claimed. Damashek at FIGS. 10-11 and col. 9, lines 59-63, disclose processing document search queries as they are received, but does not disclose or suggest selecting any of the document search queries to execute next based upon any selection criteria as claimed. Similarly, Hilsenrath, Cohen, Spencer and Subramaniam do not disclose or suggest selecting one of the electronic records search requests to execute next based upon one or more selection criteria.

As discussed at page 4, lines 18-19 in the above-identified application, one of the several advantages of the present invention is that the invention has the capability of

selectively executing stored search requests. Since many users will often concurrently submit search requests, the search requests that cannot be serviced by the search server 110 at a particular time are stored in a search database 410 to be selected for later execution at a point when the server 110 is able to execute the search request, as discussed in the above identified application at page 14, lines 1-20. Further, storing the search requests for later execution enables users to go about performing other tasks or to submit additional search requests. Referring now to page 19, line 8 through page 20, line 23 in this application, the search requests are selected for execution based on a number of factors. Selecting the searches based on these factors enables the search server 110 to execute searches in a more efficient manner. In view of the foregoing amendments and remarks, the Office is respectfully requested to reconsider and withdraw the rejections of claims 1, 13 and 25. Since claims 2-12 depend from and contain the limitations of claim 1, claims 14-24 depend from and contain the limitations of claim 13, and claims 26-36 depend from and contain the limitations of claim 25, they are patentable in the same manner as claims 1, 13 and 25.

Additionally, neither Cohen, Damashek, Hilsenrath, Spencer nor Subramaniam, alone or in combination, disclose or suggest "the parsing is implemented by at least one data processing algorithm selected for execution based upon a content of the retrieved electronic records," as recited in claims 7, 19 and 31. The Office is respectfully directed to Cohen at FIG. 6; col. 10, lines 49-67; and col. 11, lines 1-15, which discloses a parsing program that simply generates clusters of related documents based on the manner the documents were accessed. But, the parsing program does not parse the documents themselves using algorithms that are selected based upon the content of the documents as claimed in the present invention. Similarly, Damashek, Hilsenrath, Spencer and Subramaniam do not disclose or suggest parsing the electronic records using a data processing algorithm selected for execution based upon a content of the retrieved electronic records as claimed.

The Office is directed to page 3, lines 15-22 in the above-identified application, which states that electronic court case records may not always include markers that identify the location of the court items or documents within the records. Worse yet, records from different databases are not always stored in the same format and data inconsistencies in the records are common in view of human error making it difficult to
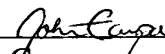
identify indiscriminate items or documents contained within the records. As discussed at page 31, line 27 through page 32, line 7, the search server 110 selects one of several parsing methodologies to use for parsing the raw data which is appropriate for the court databases the raw data is being received from. Furthermore, this application notes on page 32, lines 23-29, "different court databases and types of courts store their electronic court records differently. Furthermore, data records received from court databases will also vary depending upon the different types of searches requested by users. Thus, search server 110 is able to parse the raw data 711 received during the execution of the court database search since it can determine which parsing methodology will be able to correctly parse the data, based on the foregoing factors." In view of the foregoing remarks, Applicant respectfully submits that claims 7, 19 and 31 are distinguishable over the cited references and are patentable for these additional reasons.

In accordance with 37 C.F.R. § 1.121, attached hereto is a marked-up copy of the changes made to the specification and claims by the current amendment. The version with markings to show changes made is located in the attached Appendix A.

In view of all of the foregoing, it is submitted that this case is in condition for allowance and such allowance is earnestly solicited. In the event that there are any outstanding matters remaining in the above-identified application, the Office is invited to contact the undersigned to discuss this application.
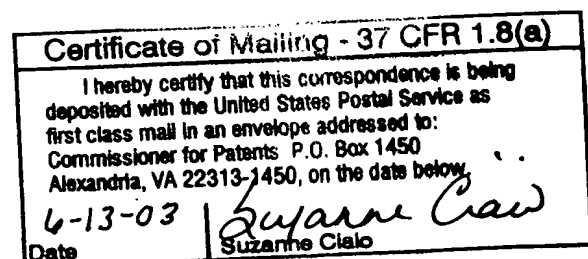
Respectfully submitted,

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# APPENDIX A

## Version With Markings to Show Changes Made

In reference to the amendments made herein to the specification and to the claims, additions appear as underlined text while deletions appear as bracketed text, and added claims are enclosed within double dashes, as indicated below:

## In The Drawings:

FIG. 13a has been amended as shown in the attached "Proposed Amendment to Drawings."

## In The Claims:

The heading at page 45, line 1, has been amended as follows:

## [IN THE] CLAIMS

Claims 1-3, 5, 9, 13-15, 17, 21, 25-27, 29 and 33 have been amended as follows:

1.      (Amended)  A method for retrieving data, comprising:

selecting one of a plurality of electronic records search requests to execute next based upon one or more selection criteria;

executing the selected electronic records search request and retrieving at least one electronic record from at least one storage location during the executing;

parsing the electronic records to convert one or more [indiscriminate] raw data sets into user-selectable objects; and

causing the user-selectable objects to be displayed.

2.      (Amended)  The method of claim 1 further comprising selecting at least one of the user-selectable objects to retrieve the [indiscriminate] raw data set associated with the selected object.

3.      (Amended)  The method of claim 1 wherein the [indiscriminate] raw data sets comprise court case items or documents associated with a court case docket sheet.

5.     (Amended)  The method of claim 1 wherein the parsing further comprises extracting the at least one [indiscriminate] raw data set from the retrieved electronic records.


9.     (Amended)  The method of claim 1 further comprising:

[receiving at least one electronic records search request;]

determining if at least one of a plurality of electronic records databases associated with each [received] electronic records search request is accessible through a first or a second communication medium; and

accessing the at least one electronic records database through the first or the second communication medium based on the determination.


13.     (Amended)  A system for retrieving data, comprising:

at least one station operatively connected to at least one storage location; and

at least one processor operatively connected to the at least one station and the at least one storage location, the at least one processor executing a program of instructions for selecting one of a plurality of electronic records search requests to execute next based upon one or more selection criteria, executing the selected electronic records search request and retrieving at least one electronic record from the at least one storage location during the executing, parsing the electronic records to convert one or more [indiscriminate] raw data sets into user-selectable objects, and causing the user-selectable objects to be displayed.


14.     (Amended)  The system of claim 13 wherein at least one interface enables users to select at least one of the user-selectable objects to retrieve the [indiscriminate] raw data set associated with the selected object.


15.     (Amended)  The system of claim 13 wherein the [indiscriminate] raw data sets comprise court case items or documents associated with a court case docket sheet.


17.     (Amended)  The system of claim 13 wherein the parsing further comprises extracting the at least one [indiscriminate] raw data set from the retrieved electronic records.


21.     (Amended)  The system of claim 13 further comprising:

a first communication medium operatively connected to the at least one station by at least one communication device;

a second communication medium operatively connected to the at least one station, the second communication medium conveying the [received] electronic records search requests to the at least one station; and

at least one machine readable program storage device tangibly embodying a program of instructions executable by the at least one processor for determining if at least one of a plurality of electronic records databases associated with each [received] electronic records search request is accessible through the first or the second communication medium, and accessing the at least one electronic records database through the first or the second communication medium based on the determination.

25. (Amended) A program storage device readable by a machine tangibly embodying a program of instructions executable by the machine to perform a method for accessing electronic records obtained from at least one electronic records database search, the method enabling users to select for retrieval at least one [indiscriminate] raw data set related to the electronic records, the device comprising:

selecting one of a plurality of electronic records search requests to execute next based upon one or more selection criteria;

executing the selected electronic records search request and retrieving at least one electronic record from at least one storage location during the executing;

retrieving at least one electronic record from at least one storage location;

parsing the electronic records to convert one or more [indiscriminate] raw data sets into user-selectable objects; and

causing the user-selectable objects to be displayed.

26. (Amended) The device of claim 25 further comprising providing at least one interface enabling users to select at least one of the user-selectable objects to retrieve the [indiscriminate] raw data set associated with the selected object.

27. (Amended) The device of claim 25 wherein the [indiscriminate] raw data sets comprise court case items or documents associated with a court case docket sheet.

29.    (Amended)  The device of claim 25 wherein the parsing further comprises extracting the at least one [indiscriminate] <u>raw</u> data set from the retrieved electronic records.

33.    (Amended)  The device of claim 25 further comprising:

[receiving at least one electronic records search request;]

determining if at least one of a plurality of electronic records databases associated with each [received] electronic records search request is accessible through a first or a second communication medium; and

accessing the at least one electronic records database through the first or the second communication medium based on the determination.

Claims 37-42 have been added as follows:

--37.    (New)  The method of claim 1 wherein the selecting one of the plurality of electronic records search requests to execute next based upon the one or more selection criteria further comprises examining search data associated with each of the electronic records search requests and evaluating the search data using the one or more selection criteria.--

--38.    (New)  The method of claim 37 wherein the one or more selection criteria comprise how many times an examined electronic records search request has failed, an age of the examined electronic records search request, how busy one or more databases associated with the search data are, how many phone lines are available to access the one or more databases associated with the search data, a status of the examined electronic records search request, how many attempts have been made to execute the examined electronic records search request, when the examined electronic records search request was last updated, and when any activity associated with the examined electronic records search request last took place.--

--39.    (New)  The system of claim 13 wherein the at least one processor selecting one of the plurality of electronic records search requests to execute next based upon the one or more selection criteria further comprises the processor examining search data associated with each of the electronic records search requests and evaluating the search data using the one or more selection criteria.--

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--40. (New) The system of claim 39 wherein the one or more selection criteria comprise how many times an examined electronic records search request has failed, an age of the examined electronic records search request, how busy one or more databases associated with the search data are, how many phone lines are available to access the one or more databases associated with the search data, a status of the examined electronic records search request, how many attempts have been made to execute the examined electronic records search request, when the examined electronic records search request was last updated, and when any activity associated with the examined electronic records search request last took place.--

--41. (New) The device of claim 25 wherein the selecting one of the plurality of electronic records search requests to execute next based upon the one or more selection criteria further comprises examining search data associated with each of the electronic records search requests and evaluating the search data using the one or more selection criteria.--

--42. (New) The device of claim 41 wherein the one or more selection criteria comprise how many times an examined electronic records search request has failed, an age of the examined electronic records search request, how busy one or more databases associated with the search data are, how many phone lines are available to access the one or more databases associated with the search data, a status of the examined electronic records search request, how many attempts have been made to execute the examined electronic records search request, when the examined electronic records search request was last updated, and when any activity associated with the examined electronic records search request last took place.--